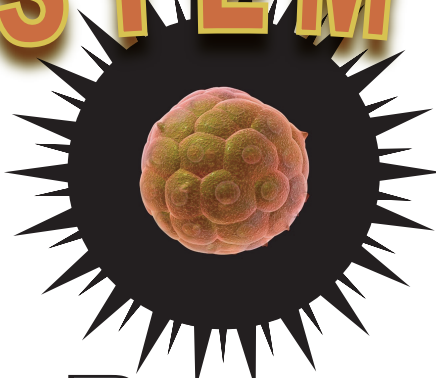


THE ★ STEM ★ CELL



HUMAN BIOLOGY 157

ROOM M-104, DEAN'S COURTYARD; TUESDAYS/THURSDAYS 2:15-3:45 P.M.

*blastocyst
(cross-section)*

STEM CELL BASICS

- January 10 ↗ *Differentiation and commitment..... Roel Nusse*
- January 12 ↗ *Cell signaling and gene expression.....Roel Nusse*
- January 17 ↗ *Asymmetry and stem cell behavior.....Minx Fuller*
- January 19 ↗ *Are stem cells plastic?.....Christopher Scott*

ADULT STEM CELLS

- January 24 ↗ *The hematopoietic stem cell.....Irving Weissman*
- January 26 ↗ *The neural stem cell.....Irving Weissman*
- January 31 ↗ *Clinical uses of blood stem cells.....Judy Shizuru*
- February 2 ↗ *Tissue engineering: bone and cartilage....Dennis Carter*

EMBRYONIC STEM CELLS

- February 7 ↗ *The cancer connection.....Irving Weissman*
- February 9 ↗ *Early development and ES cells.....Julie Baker*
- February 14 ♥ **MIDTERM**
- February 16 ↗ *Gametogenesis and imprinting.....Minx Fuller*

THE MAGNIFICENT EGG

- February 21 ↗ *In vitro fertilization and reproduction...Linda Giudice*
- February 23 ↗ *Nuclear transfer and cloning.....Robert Blelloch*
- February 28 ↗ *Reprogramming and clinical application..Robert Blelloch*

ETHICS AND POLICY

- March 2 ↗ *Consent, chimeras and clinical trials.....Hank Greely*
- March 7 ↗ *What's in the dish?.....Christopher Scott*
- March 9 ↗ *Science, politics and culture.....Zach Hall*
- March 14 ↗ *Science policy: Asilomar to the 109th Congress....Paul Berg*
- March 16 ↗ **REVIEW**

FACULTY

| The Science

| The Medicine

| The Promise

| The Ethics

| The Politics

Juli Baker, Assistant Professor of Genetics, Stanford
 Paul Berg, Emeritus Professor of Biochemistry, Stanford
 Robert Blelloch, Assistant Professor of Urology, UC San Francisco
 Dennis Carter, Professor of ME and Bioengineering, Stanford

Zach Hall, President, California Institute for Regenerative Medicine
 Linda Giudice, Chair, Obstetrics and Gynecology, UC San Francisco
 Roel Nusse, Professor of Developmental Biology, Stanford
 Christopher Scott, Executive Director, PSCS, Stanford